

Listing of the Claims:

The following is a complete listing of all the claims in the application, with an indication of the status of each:

- 1 Claim 1 (Previously Presented). An IP (Internet Protocol) packet priority
2 control system which performs priority control on a session-by-session
3 basis by distributing load to hardware to enable communication without
4 interference between images and control information comprising:
5 a network, operating under program control;
6 a terminal, a server, and a router connected to said network; and
7 means for a Quality of Service (QoS) setting priority in an IP
8 packet on a session-by-session basis in which the terminal or the server
9 adds a priority parameter passing to a standard Application Programming
10 Interface (API), and
11 wherein said priority parameter including priority information, a
12 port number and IP address from an application with a higher priority on
13 control information vulnerable to delay than image data, and
14 wherein the IP packet is transmitted and received under priority
15 control among said terminal, said server, and said router.
- 1 2 (Original). The IP packet priority control system according to claim 1,
2 wherein said session comprises sessions of a voice call, image data, and a
3 JAVA applet of a browser.
- 1 3 (Previously Presented). The IP packet priority control system according
2 to claim 2, wherein the priority in said IP packet is set such that priority of
3 control information of a voice call is high, priority of image data of a
4 browser is low, and priority of a JAVA applet is intermediate between said
5 control information and said image data.

1 4 (Previously Presented). The IP packet priority control system
2 according to claim 1, wherein said means for setting priority in the IP
3 packet performs setting on a session-by-session basis in which the terminal
4 or the server adds priority parameter passing to a standard API rather than
5 on a port-by-port basis in which the router prioritizes control information
6 with QoS (Quality of Service) control.

1 5 (Previously Presented). The IP packet priority control system according
2 to claim 4, wherein said means for setting priority in the IP packet
3 performs setting such that, in a the terminal including an application layer,
4 a SOCKET layer, a TCP/UDP (Transmission Control Protocol/ User
5 Diagram Protocol) layer, an IP layer, and an interface layer, said SOCKET
6 adds priority parameter passing to a standard API for use on the network.

1 6 (Previously Presented). The IP packet priority control system according
2 to claim 1, wherein said means for setting priority in the IP packet
3 performs setting such that, in the server including an application layer, a
4 SOCKET layer, a TCP/UDP layer, an IP layer, and an interface layer, said
5 SOCKET adds priority parameter passing to a standard API for use on the
6 network.

1 7 (Previously Presented). An Internet Protocol (IP) control method which
2 performs priority control on a session-by-session basis by distributing load
3 to hardware to enable communication without interference between images
4 and control information comprising the steps of:
5 transmitting and receiving an IP packet among a terminal, a server
6 and a router on a network operating under program control; and
7 setting a Quality of Service (QoS) priority in the IP packet on a
8 session-by-session basis in which the terminal or the server adds a priority
9 parameter passing to a standard Application Programming Interface (API),

10 said priority parameter including priority information, a port number and
11 IP address from an application with a higher priority on control
12 information vulnerable to delay than image data.

1 8 (Previously Presented). The Internet Protocol (IP) control method
2 according to claim 1, wherein said session comprises sessions of a voice
3 call, image data , and a JAVA applet of a browser.

1 9 (Previously Presented). The Internet Protocol (IP) control method
2 according to claim 8, wherein the priority in said IP packet is set such that /
3 priority of control information of a voice call is high, priority of image data
4 of a browser is low, and priority of a JAVA applet is intermediate between
5 said control information and said image data.